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(54) Title: EFFICIENT LIPOSOMAL ENCAPSULATION UNDER MILD CONDITIONS

(57) Abstract: A method for preparing liposomes containing at least one biologically active substance encapsulated therein under mild conditions comprises the following steps: (A) providing liposomes, wherein the liposomes are prepared by a method other than the instant method; (B) mixing the product of step (A) with a water-miscible organic solvent to form a gel or a liquid containing gel particles; and thereafter (C) (a) mixing the gel or liquid containing gel particles with aqueous medium V to directly form the liposomes containing the at least one biologically active substance encapsulated therein, (b) (i) mixing the gel or liquid containing gel particles with aqueous medium V to form a curd or curdy substance; and (ii) mixing the curd or curdy substance with aqueous medium W to directly form the liposomes containing the at least one biologically active substance encapsulated therein, or (c) (i) cooling the gel or liquid containing gel particles to form a waxy substance; and (ii) mixing the waxy substance with aqueous medium W to directly form the liposomes containing the at least one biologically active substance encapsulated therein; wherein the at least one biologically active substance is added in step (A), (B) or (C), and wherein aqueous media V and W are the same or different.

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WO 2003/059279 A3